

PROCESS FOR THE EXTRACTION OF A COMPOUND BY A FLUOROCARBON COMPOUND;
USING 1,1,1,2-TETRAFLUOROETHANE AND COSOLVENT OF ALKANE OR HYDROCARBON
ETHER

Document Type: UTILITY

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Abstract:

A process for extracting a compound or composition of matter from a raw material containing that compound or composition as a constituent part is disclosed. The process comprises the steps of (1) contacting a sample of the raw material with an extraction solvent comprising 1,1,1,2-tetrafluoroethane and a co-solvent selected from an alkane and a hydrocarbon ether, (2) forming a solvent liquor comprising the extraction solvent and an extract from the raw material, and (3) separating the solvent liquor containing the extract from the raw material.

Exemplary Claim:

1. A process for extracting a compound or a composition of matter from a raw material containing the compound or composition or a precursor as a constituent part, the process comprising: (1) contacting a sample of the raw material with an extraction solvent comprising 1,1,1,2-tetrafluoroethane and a co-solvent selected from the group consisting of an alkane and a hydrocarbon ether; (2) forming a solvent liquor comprising the extraction solvent and an extract from the raw material; and (3) separating the solvent liquor containing the extract from the raw material.